

Summary of Existing Methane Recovery and Use Projects

Mine Name	Mine Location (State)	Approximate Amount of Gas Used in 2001	Methane Use Option	Notes
Blue Creek No. 4 Blue Creek No. 5 Blue Creek No. 7	Alabama	27 mmcf/day	Pipeline Sales	The three mines collectively produced 34 mmcf/day of gas in 2001, but only 27 mmcf/d is credited to emissions avoided.
Oak Grove	Alabama	3 mmcf/day	Pipeline Sales	Most of the production in the Oak Grove Field is beyond the limits of the mine plan.
Shoal Creek	Alabama	7 mmcf/day	Pipeline Sales	Most of the production from the White Oak Field is outside the limits of the mine plan.
Buchanan No. 1 VP #8	Virginia	107 mmcf/day	Pipeline Sales On-Site Use	These two mines collectively produced 107 mmcf/day of gas in 2001, of which 70 mmcf/d contributes to emissions reduction at the mines. A small portion (1.5 mmcf/d) of the total gas production is used on-site in a thermal dryer.
Blacksville No. 1	Pennsylvania	4mmcf/day	Pipeline Sales	Gas is produced from three abandoned mines that are part of the project, but 4 mmcf/d is from the active mine alone.
Federal No. 2	West Virginia	1 mmcf/day	Pipeline Sales, Power Generation (planned)	Project continues to expand as mine grows. A second project using methane to generate electricity is planned.
US Steel No. 50	West Virginia	8 mmcf/day	Pipeline Sales	A unique, horizontal pre-mine drainage program is utilized.